United States Patent [19]

Habenstein

[11] **4,184,850**

[45] **Jan. 22, 1980**

[54] **DIAGNOSTIC AGENT FOR THE DETECTION OF KETONE BODIES IN FLUIDS AND PROCESS FOR ITS MANUFACTURE**

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[21] Appl. No.: **926,246**

[22] Filed: **Jul. 20, 1978**

[30] **Foreign Application Priority Data**

Jul. 23, 1977 [DE] Fed. Rep. of Germany 2733426

[51] **Int. Cl.**[2] **G01N 33/16**

[52] **U.S. Cl.** ..... **23/230 B;** 252/408; 422/56

[58] **Field of Search** ..... 23/230 B, 255 TP; 422/56; 252/408

[56] **References Cited**

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[57] **ABSTRACT**

A diagnostic agent for the detection of ketones in fluids consisting of an absorbent carrier impregnated with sodium nitroferricyanide, a water-soluble lower amino acid, an alkaline buffer substance, and at least one organic acid, said organic acid serving to form a stabilizing environment around the sodium nitroferricyanide. The improved diagnostic agent may be produced by impregnating the carrier in a first step with an aqueous solution of the buffer substance and the amino acid, in a second step with a solution of an organic acid in an organic solvent and in a third step with a solution of sodium nitroferricyanide and a water-soluble organic acid in an organic solvent.

7 Claims, No Drawings